

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	588	(asymmetric with membrane) and ((coagulat\$4 or precipita\$3 or core or bore) with (solution or liquid or medium)) and (spin\$5)	US-PGPUB; USPAT	OR	OFF	2011/03/17 09:31
L2	58	L1 and (((coagulat\$4 or precipita\$3 or core or bore) with (solution or liquid or medium)) same (polyphosphoric or phosphoric or polysulfonic or sulfonic or polycarboxylic or carboxylic or acrylic))	US-PGPUB; USPAT	OR	OFF	2011/03/17 09:31
L3	42	L2 and (cellulos\$2 and polysulfon\$4)	US-PGPUB; USPAT	OR	OFF	2011/03/17 09:31
L4	36	3 and ("die" and extrud\$4)	US-PGPUB; USPAT	OR	OFF	2011/03/17 09:31
L5	0	4 and (integral\$4 with asymmetric with membrane)	US-PGPUB; USPAT	OR	OFF	2011/03/17 09:31
L11	409	(asymmetric with membrane) and ((coagulat\$4 or precipita\$3) with (solution or liquid or medium)) and (spin\$5)	US-PGPUB; USPAT	OR	OFF	2011/03/17 09:51
L12	52	L11 and (((coagulat\$4 or precipita\$3 or core or bore) with (solution or liquid or medium)) same (polyphosphoric or phosphoric or polysulfonic or sulfonic or polycarboxylic or carboxylic or acrylic))	US-PGPUB; USPAT	OR	OFF	2011/03/17 09:51
S1	1	"20070163950"	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:24
S2	1	"20080000828"	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:25
S3	1	"20070163949"	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:25
S5	28	"4814082"	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:44
S6	153	"4976859"	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:44
S7	9	"5919370"	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:45
S8	230	integral\$3 with asymmetric with membrane	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:46
S9	12	S8 and (electrolyte or polyelectrolyte)	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:46
S10	6	S9 and (phosphoric or sulfonic or carboxylic)	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:46
S11	213	membrane same (spinning with solution with solvent)	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:50

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S12	3	S11 and (precipit\$4 with (eletrolyte or polyelectrolyte or phosphoric or carboxylic or sulfonic))	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:51
S13	627	membrane and (spinning with solution with solvent)	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:52
S14	4	S13 and (precipit\$4 with (eletrolyte or polyelectrolyte or phosphoric or carboxylic or sulfonic))	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:52
S15	2	"20040045897"	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:53
S16	60	asymmetric with membrane and (polyphosphoric or polysulfonic or polycarboxylic)	US-PGPUB; USPAT	OR	OFF	2010/02/20 12:59
S17	20	S16 and (spin\$4 with solution)	US-PGPUB; USPAT	OR	OFF	2010/02/20 13:00
S18	9	S16 and (spin\$4 with solution with solvent)	US-PGPUB; USPAT	OR	OFF	2010/02/20 13:00
S19	7332	membrane and (polyphosphoric or polysulfonic or polycarboxylic)	US-PGPUB; USPAT	OR	OFF	2010/02/22 09:59
S20	340	S19 and (spin\$4 with solution)	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:00
S21	79	S19 and (spin\$4 with solution with solvent)	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:00
S22	2225	S19 and ((precipita\$4 or coagulat\$5) with (solution or fluid or system))	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:01
S23	38	S22 and (spin\$4 with solution with solvent)	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:01
S24	3	S23 and (asymmetric with membrane)	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:02
S25	2376	S19 and ((precipita\$4 or coagulat\$5) with (solution or fluid or system or liquid))	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:02
S26	242	S19 and (((precipita\$4 or coagulat\$5) with (solution or fluid or system)) same (phosphoric or sulfonic or carboxylic))	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:03
S27	4	S26 and (spin\$4 with solution with solvent)	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:03
S28	16	S26 and (spin\$4 with solution)	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:19
S29	0	S28 and (hollow with fiber with die)	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:19
S30	2	S28 and (((precipita\$4 or coagulat\$5) with (solution or fluid or system or liquid)) same (spin\$4 with solution))	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:20
S31	4	"4898698"	US-PGPUB; USPAT	OR	OFF	2010/02/22 10:54
S32	23	wechs near2 friedbert	US-PGPUB; USPAT	OR	OFF	2010/07/09 14:49

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S33	7	S32 and (asymmetric with membrane)	US-PGPUB; USPAT	OR	OFF	2010/07/09 14:50
S34	1	"20070163950"	US-PGPUB; USPAT	OR	OFF	2011/03/16 10:56
S35	6	(asymmetric with membrane) and (precipit\$5 with (acrylic or sulfonic or phosphoric))	US-PGPUB; USPAT	OR	OFF	2011/03/16 11:17
S36	1	(asymmetric with membrane) and (precipitant with system)	US-PGPUB; USPAT	OR	OFF	2011/03/16 11:19
S37	55	("3441142" "3522346" "3616935" "3705084" "4102746" "4702840" "4855234" "4906375" "5041225" "5283186" "5420047" "5476665").PN. OR ("5840190").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/03/16 11:23
S38	10	(US-20070163950-\$ or US-20080000828-\$ or US-20070163949-\$ or US-20040045897-\$ or US-20030045461-\$).did. or (US-4814082-\$ or US-4976859-\$ or US-5919370-\$ or US-5840190-\$ or US-4906375-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:05
S39	5	S38 and (spin\$4 and acrylic)	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:06
S40	8	(asymmetric with membrane) and interior near2 filler	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:09
S41	5	acrylidone and (asymmetric near2 membrane)	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:11
S42	5	acrylidone and (asymmetric with membrane)	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:11
S43	37	(spin with solution) and (polyelectrolyte or acrylic or polysulfonic or polyphosphoric or polycarboxylic) and (asymmetric with membrane)	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:13
S44	13	(spin with solution) and (asymmetric with membrane) and (bore with (fluid or liquid or polymer))	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:28
S45	3	S44 and (bore same acrylic\$5)	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:28
S46	13	"5290448"	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:30
S47	60	"5762798"	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:32
S48	68	(asymmetric with membrane) and (precipitating with solution) and (spin\$5)	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:45
S49	1	S48 and (precipitat\$5 same (polyphosphoric or phosphoric or polysulfonic or sulfonic or polycarboxylic or carboxylic or acrylic))	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:46
S50	18	(asymmetric with membrane) and (precipitating near2 solution) and (spin\$5)	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:47

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S51	25	(asymmetric with membrane) and (precipitating near2 (solution or liquid)) and (spin\$5)	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:50
S52	8	S51 and (polyphosphoric or phosphoric or polysulfonic or sulfonic or polycarboxylic or carboxylic or acrylic)	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:50
S53	238	(asymmetric with membrane) and (precipita\$3 with (solution or liquid)) and (spin\$5)	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:58
S55	17	S53 and (precipita\$5 same (polyphosphoric or phosphoric or polysulfonic or sulfonic or polycarboxylic or carboxylic or acrylic))	US-PGPUB; USPAT	OR	OFF	2011/03/16 13:58
S56	146	S53 and (polyphosphoric or phosphoric or polysulfonic or sulfonic or polycarboxylic or carboxylic or acrylic)	US-PGPUB; USPAT	OR	OFF	2011/03/16 14:01
S57	7	S53 and (extru\$5 same (polyphosphoric or phosphoric or polysulfonic or sulfonic or polycarboxylic or carboxylic or acrylic))	US-PGPUB; USPAT	OR	OFF	2011/03/16 14:01
S58	409	(asymmetric with membrane) and ((coagulat\$4 or precipita\$3) with (solution or liquid or medium)) and (spin\$5)	US-PGPUB; USPAT	OR	OFF	2011/03/16 14:03
S59	18	S58 and (((coagulat\$4 or precipita\$3) with (solution or liquid or medium)) same (polyphosphoric or phosphoric or polysulfonic or sulfonic or polycarboxylic or carboxylic or acrylic))	US-PGPUB; USPAT	OR	OFF	2011/03/16 14:04
S61	588	(asymmetric with membrane) and ((coagulat\$4 or precipita\$3 or core or bore) with (solution or liquid or medium)) and (spin\$5)	US-PGPUB; USPAT	OR	OFF	2011/03/16 14:15
S62	58	S61 and (((coagulat\$4 or precipita\$3 or core or bore) with (solution or liquid or medium)) same (polyphosphoric or phosphoric or polysulfonic or sulfonic or polycarboxylic or carboxylic or acrylic))	US-PGPUB; USPAT	OR	OFF	2011/03/16 14:16
S63	3	"2003061812"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2011/03/16 14:26
S64	2	"7429343"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2011/03/16 14:35

EAST Search History (I nterference)

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